

Converting Colors

`RYB(171, 207, 198)`

Have a look what the booklet for
RYB(171, 207, 198) contains.

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Color

R_YB(171, 207, 198)

Conversions

Conversions Part 1

Format	Color
Hex	B4CFAB
RGB	180, 207, 171
RGB Percent	71%, 81%, 67%
CMY	0.2941, 0.1882, 0.3294
CMYK	0.13, 0.00, 0.17, 0.19
HSL	105°, 27%, 74%
HSV	105°, 17%, 81%
XYZ	48.4859, 57.2692, 47.0267
YIQ	194.8230, -4.5360, -16.9200

Conversions

Conversions Part 2

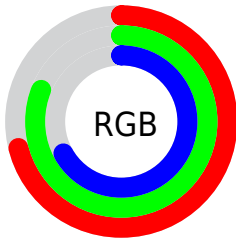
Format	Color
RYB	171, 207, 198
Decimal	11849643
CIELab	80.33, -15.71, 14.91
CIELCh	80, 21.656, 136.495
Yxy	57.2692, 0.3174, 0.3748
Android (android.graphics.Color)	4290039723 (0xFFB4CFAB)
YUV	194.8230, -11.7447, -12.9998
Hunter-Lab	75.6764, -18.0688, 16.1297

Details

The RYB color **171, 207, 198** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **198, 171, 207**, and the grayscale version is **195, 195, 195**.

A 20% lighter version of the original color is **226, 255, 245**, and **119, 153, 145** is the 20% darker color. If you saturate the color by 10%, you get **150, 207, 193**, and if you desaturate by 10%, it is **192, 207, 203**.

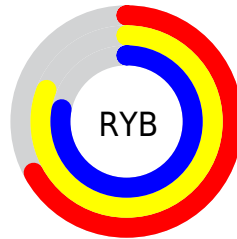
Distribution



Red (71%)

Green (81%)

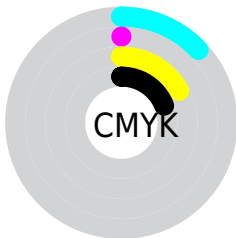
Blue (67%)



Red (67%)

Yellow (81%)

Blue (78%)

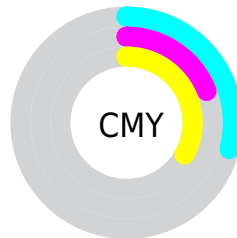


Cyan (13%)

Magenta (0%)

Yellow (17%)

Black (19%)



Cyan (29%)

Magenta (19%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RYB color 171, 207, 198 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RYB color 171, 207, 198 by changing the saturation by 10% instead.

■ 171, 207, 198

255, 255, 255

■ 226, 255, 245

■ 171, 207, 198

■ 144, 179, 170

■ 119, 153, 145

■ 94, 127, 119

■ 70, 102, 95

■ 48, 77, 71

■ 26, 55, 49

■ 0, 33, 21

■ 0, 2, 2

■ 0, 0, 0

 171, 207, 198

 171, 207, 198

 150, 207, 193

 192, 207, 203

 130, 207, 188

 211, 207, 212

 109, 207, 183

 227, 207, 233

 88, 207, 177

 242, 207, 254

 67, 207, 172

 255, 207, 255

 47, 207, 167

 26, 207, 162

 5, 207, 156

 0, 207, 155

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



162, 203, 160



171, 207, 198



159, 191, 210

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



171, 207, 198



165, 190, 238



242, 185, 189

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



171, 207, 198



198, 171, 207

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



234, 186, 209



171, 207, 198



191, 196, 238

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



171, 207, 198



147, 182, 228



216, 191, 227



237, 196, 171

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



171, 207, 198



149, 182, 211



216, 191, 227



240, 185, 195

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



171, 207, 198



242, 255, 252



185, 207, 171



120, 128, 126



0, 0, 0



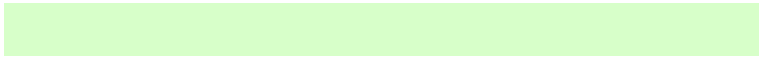
128, 128, 128

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



171, 207, 198



201, 255, 241



171, 200, 207



94, 105, 102



0, 168, 126



0, 41, 31

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



198, 171, 207



242, 201, 255



207, 171, 199



102, 94, 105



126, 0, 168



31, 0, 41

Previews

White Background



This preview shows how the RYB color 171, 207, 198 looks on a white background.

Color Contrast Check

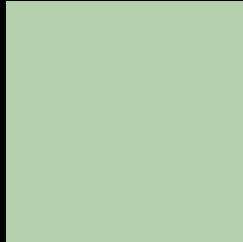
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 171, 207, 198 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

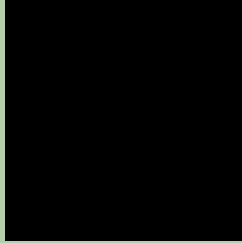
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 171, 207, 198 Background



This preview shows how black text looks on a background with the RYB color 171, 207, 198.



This preview shows how white text looks on a background with the RYB color 171, 207, 198.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

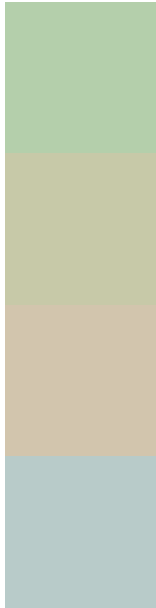
Dichromacy





Tritanopia
187, 197, 217

Trichromacy



Original Color

171, 207, 198

Protanomaly

168, 201, 170

Deuteranomaly

193, 210, 173

Tritanomaly

184, 194, 203

Monochromacy



Original Color

171, 207, 198

Achromatopsia

195, 195, 195

Achromatomaly

186, 199, 195

CSS Examples

Text

The CSS property to change the color of the text to RYB 171, 207, 198 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(180, 207, 171)` looks like.

```
.text, #text, p{  
    color:rgb(180, 207, 171)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(180, 207, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 207, 171) }
```

Border

The CSS property to change the border of an element to RYB 171, 207, 198 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(180, 207, 171) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(180, 207, 171) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(180, 207, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 207, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 207, 171);  
box-shadow:4px 4px 4px 4px rgb(180, 207,  
171) }
```

Background

The CSS property to change the background color of an element to RYB 171, 207, 198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 207, 171) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(180,  
207, 171) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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